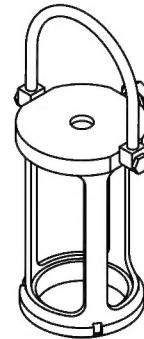
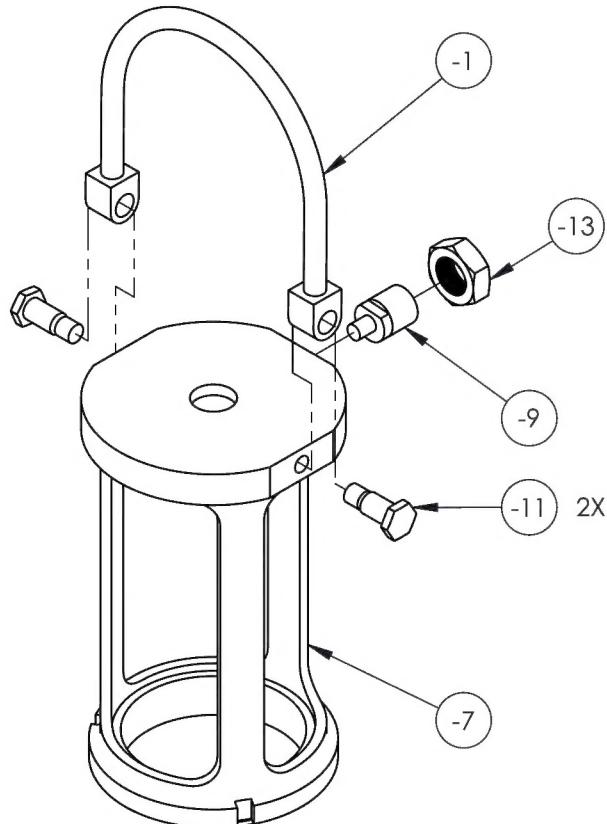


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REVISIONS							
REV	ECR	DESCRIPTION			DATE	INITIAL	APPROVED
2	15-0286	-3 DELETED THREADED ENDS AND DIMS 2X 3/8-16 UNC AND 2X .50. -5 CH'D HOLE WAS 3/8-16 UNC V .750 IS Ø .472 V .75 S.F. -3. -9 ADDED MISSING DIM .748, ADDED MIN. THREAD RELIEF, -11 DELETED DIM (.44) ADDED DIM Ø .33.			9/2/2015	RJC	JAG



NOTE:

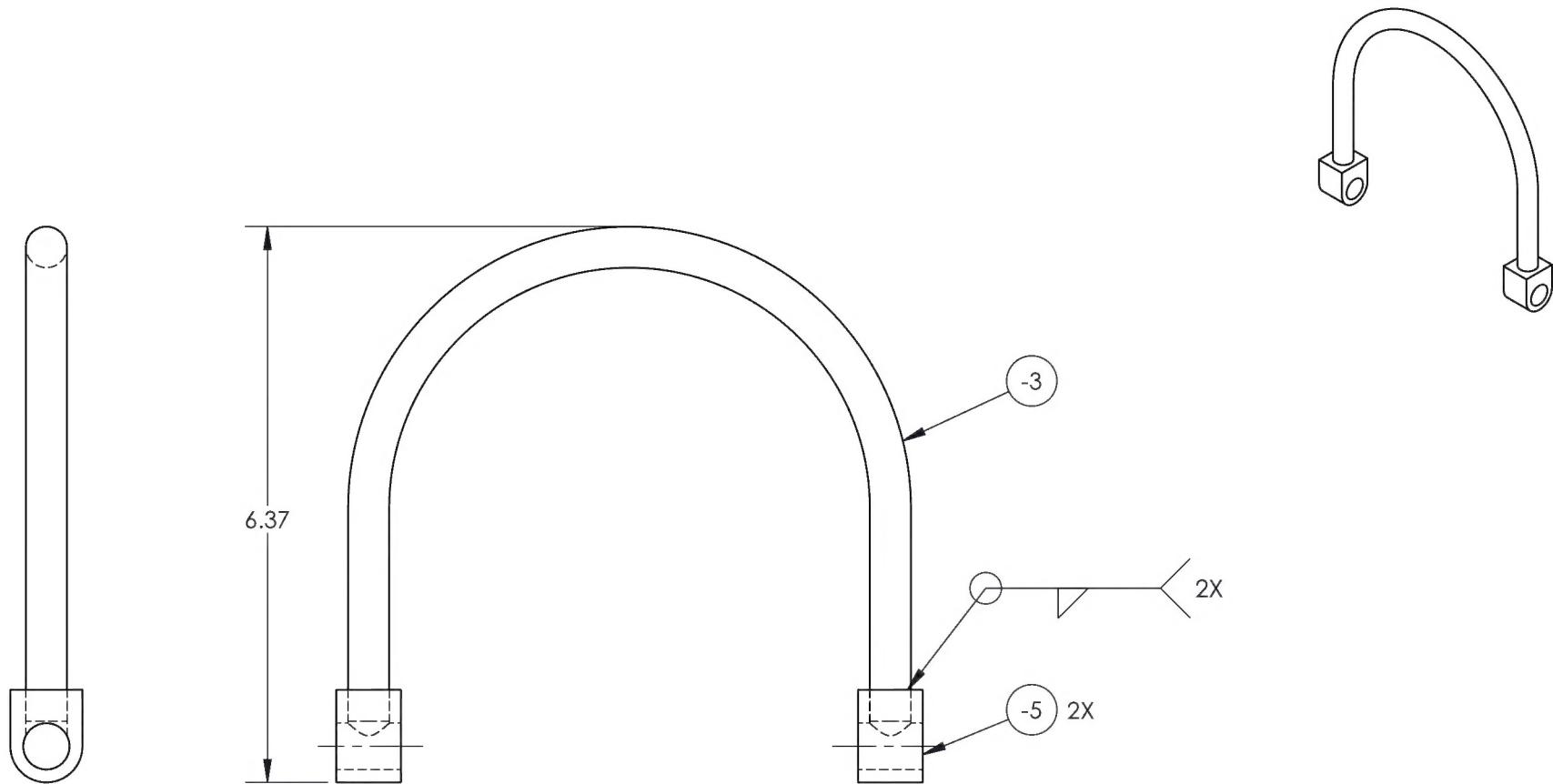
1. REF. AUGUSTA T/N: 3G1805G01631.
2. ALSO PART OF KIT RBW1805G01431-3G,
REF. AUGUSTA T/N: 3G1805G01431.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
X			-1	1	HANDLE WELDMENT			2
1			-3	1	HANDLE	S.S.		3
2			-5	1	HANDLE END	S.S.		4
			-7	1	INSTALLATION BASE	S.S.		5
			-9	1	THREADED SPACER	S.S.		6
			-11	2	HANDLE BOLT	S.S.		7
	B/O		-13	1	HEX NUT	S.S.	7/8-14 UNF (MCMASTER-CARR #91847A565)	1
ASSY -1								

TITLE		
DWG NO.		REV
RBW1805G01631-3G		2
MAT'L		DRAWN BY: SMITH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1		APPROVED D Weil
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL
		AW139
SCALE 1:4		DATE 4/29/2013
		SHEET 1 OF 7

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
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HANDLE WELDMENT

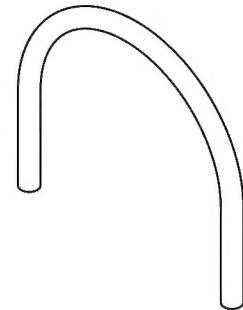
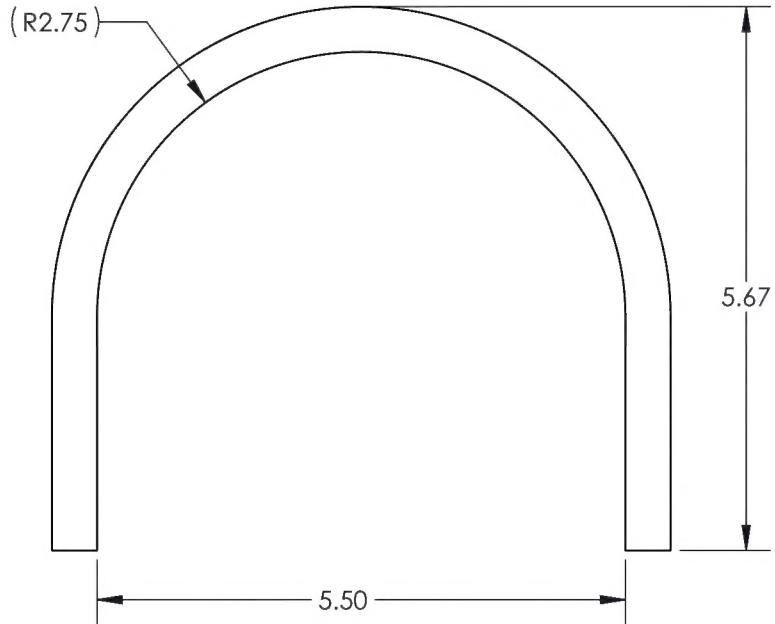
TITLE	
MVA INSTALLATION TOOL	
DWG NO.	RBW1805G01631-3G-1
MAT'L	DRAWN BY: SMITH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
HEAT TREAT FINISH	
SPEC	
USED ON MODEL AW139	
SCALE	1:2
DATE	4/29/2013
SHEET 2 OF 7	

REV
2

D Weil

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0286	-3 DELETED THREADED ENDS AND DIMS 2X 3/8-16 UNC AND 2X .50.	9/2/2015	RJC	JAG



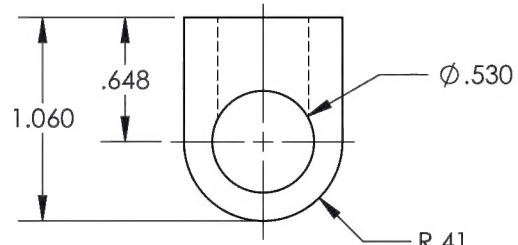
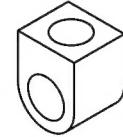
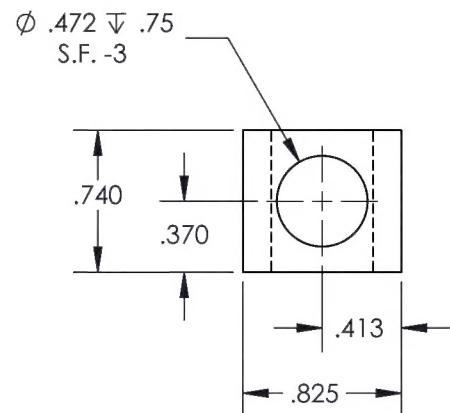
(-3)

HANDLE

DART AEROSPACE	
TITLE MVA INSTALLATION TOOL	
DWG NO. RBW1805G01631-3G-3	REV 2
MAT'L S.S.	DRAWN BY: SMITH
APPROVED D Weil	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 5°	
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW139	
SCALE 1:2	DATE 4/29/2013
SHEET 3 OF 7	

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REVISIONS					
REV	ECR		DESCRIPTION	DATE	INITIAL
2	15-0286	-5	CH'D HOLE WAS 3/8-16 UNC $\nabla .750$ IS $\emptyset .472 \nabla .75$ S.F. -3.	9/2/2015	RJC JAG



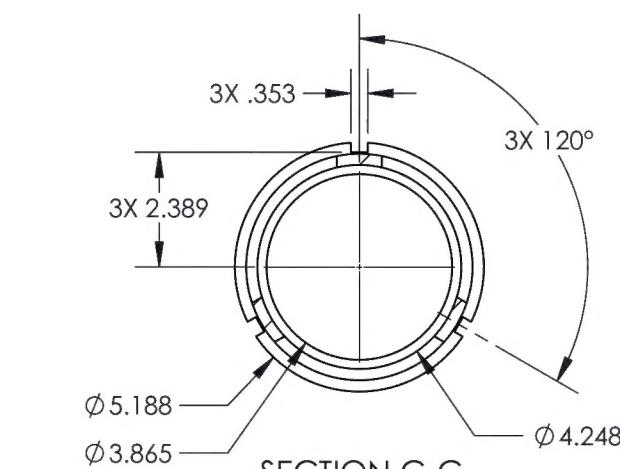
(-5)

HANDLE END

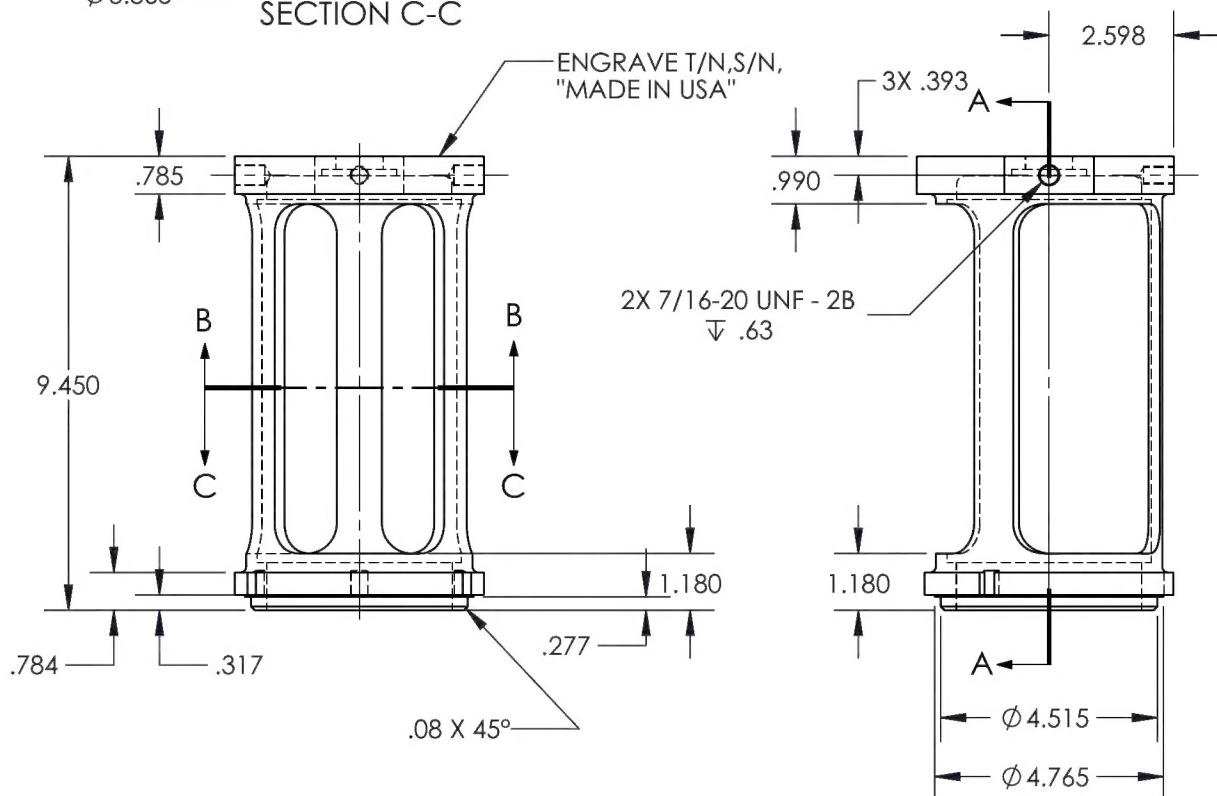
DART AEROSPACE	
TITLE	
DWG NO. RBW1805G01631-3G-5 REV 2	
MAT'L S.S.	DRAWN BY: SMITH APPROVED D Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW139	
SCALE 1:1	DATE 4/29/2013
SHEET 4 OF 7	

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REV		ECR		DESCRIPTION		DATE	INITIAL	APPROVED
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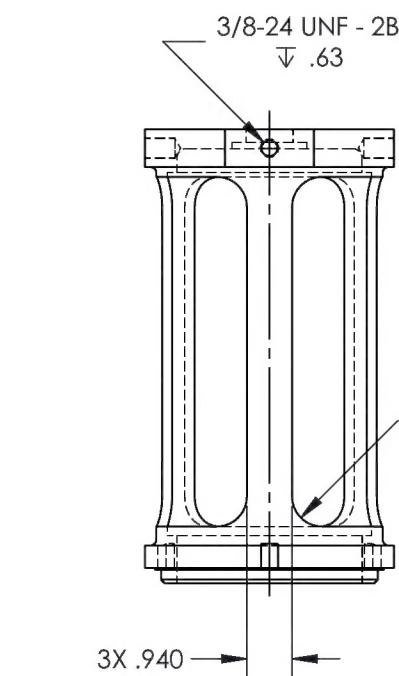
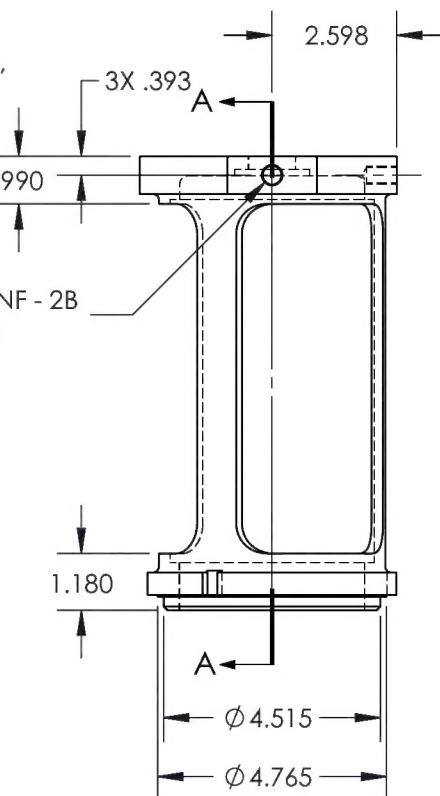


SECTION C-C

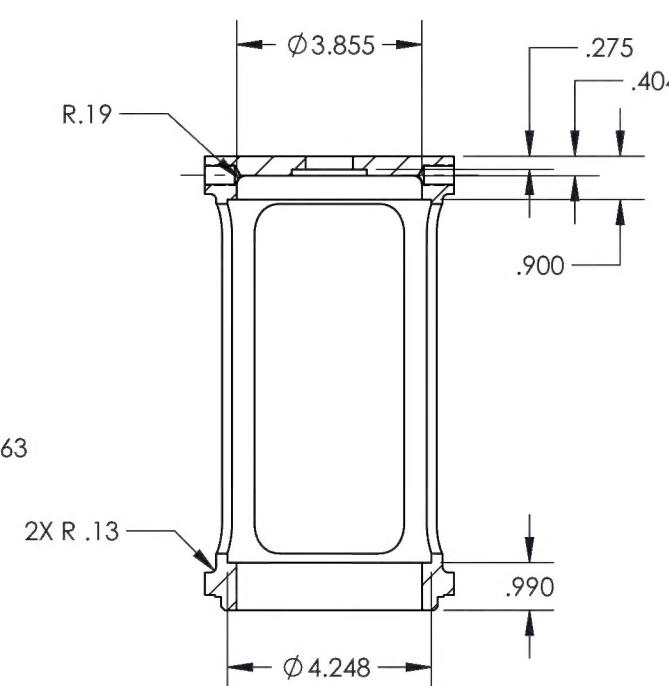


2X 7/16-20 UNF - 2B
↓ .63

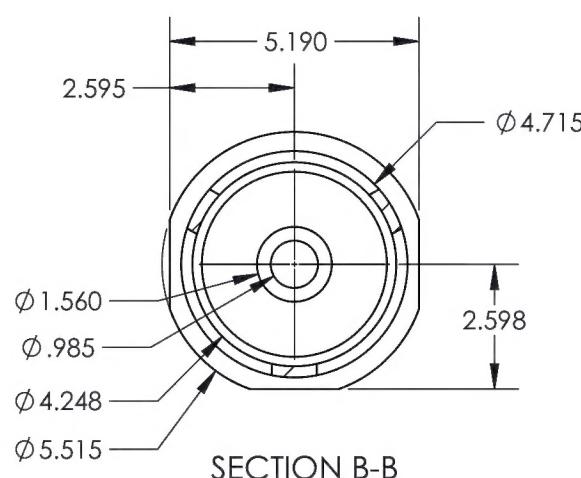
ENGRAVE T/N,S/N,
"MADE IN USA"



3X .940



SECTION A-A

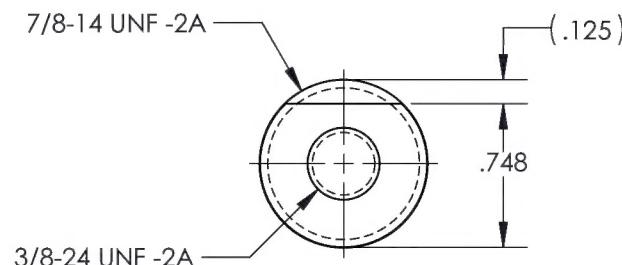
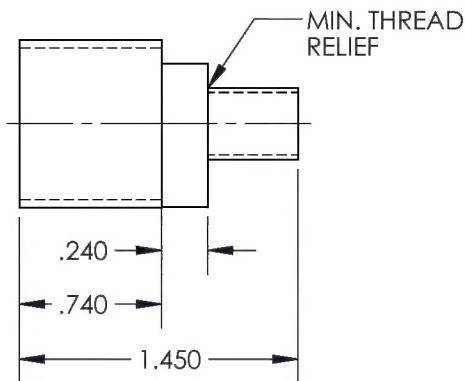
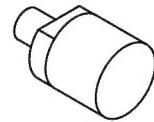


-7
INSTALLATION BASE

DART AEROSPACE	
TITLE	
MVA INSTALLATION TOOL	
DWG NO.	REV
RBW1805G01631-3G-7	2
MAT'L S.S.	DRAWN BY:
UNLESS OTHERWISE SPECIFIED	SMITH
DIMENSIONS ARE IN INCHES	
.XXX ± .005	APPROVED
XX ± .01	D. Weil
X ± .1	HEAT TREAT
OR. .015R	FINISH
1. BREAK ALL SHARP EDGES .015 X 45°	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER	USED ON MODEL
PLATING	AW139
SCALE	DATE
1:4	4/29/2013
SHEET 5 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0286	-9 ADDED MISSING DIM .748, ADDED MIN. THREAD RELIEF.	9/2/2015	RJC	JAG



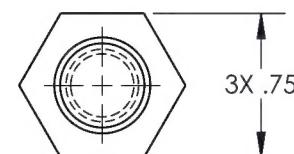
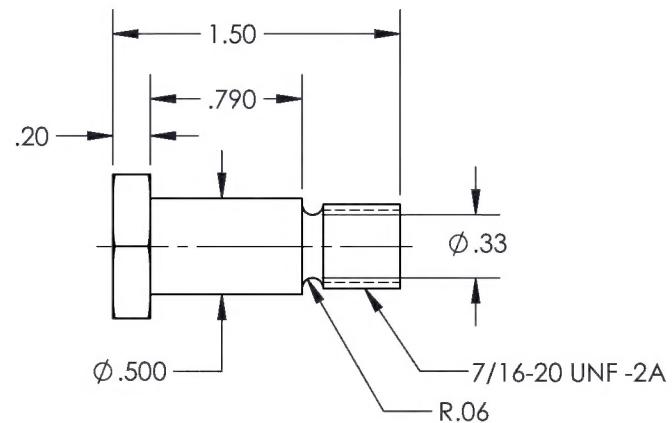
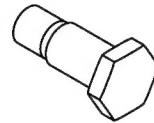
THREADED SPACER

(-9)

DART AEROSPACE	
TITLE	
DWG NO. RBW1805G01631-3G-9 REV 2	
MAT'L S.S.	DRAWN BY: SMITH APPROVED D. Weil
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW139	
SCALE 1:1	DATE 4/25/2013
SHEET 6 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	15-0286	-9 DELETED DIM ($\varnothing .44$) ADDED DIM ($\varnothing .33$).	9/2/2015	RJC	JAG



(-11)

HANDLE BOLT

DART AEROSPACE	
TITLE MVA INSTALLATION TOOL	
DWG NO. RBW1805G01631-3G-11	REV 2
MAT'L S.S.	DRAWN BY: SMITH
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
.X ± .1	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
USED ON MODEL AW139	
SCALE 1:1	DATE 4/25/2013
SHEET 7 OF 7	